

Title (en)
TAPE DRIVE AND METHOD

Title (de)
BANDANTRIEB UND VERFAHREN

Title (fr)
ENTRAÎNEMENT DE BANDE ET PROCÉDÉ ASSOCIÉ

Publication
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Application
EP 20207920 A 20180627

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- GB 201710350 A 20170628
- EP 18739588 A 20180627
- GB 2018051795 W 20180627

Abstract (en)
A method of operating a transfer printer configured to transfer ink from a printer ribbon to a substrate which is transported along a predetermined substrate path adjacent to the printer. The printer comprises a tape drive comprising two tape drive motors, two tape spool supports on which said spools of ribbon may be mounted, each spool being drivable by a respective one of said motors. The printer further comprises a printhead being displaceable towards and away from the predetermined substrate path and being arranged to, during printing, contact one side of the ribbon to press an opposite side of the ribbon into contact with a substrate on the predetermined substrate path, and a printing surface. The printer further comprises a controller configured to control the tape drive to transport ribbon between the first and second ribbon spools. The method comprises controlling the tape drive to perform a ribbon movement in which ribbon is transported between first and second ribbon spools along a ribbon path, the ribbon path having a first length during a first part of said ribbon movement, and a second length during a second part of said ribbon movement, a transition from the first length to the second length being caused by a displacement of the printhead with respect to the printing surface, wherein control of at least one of the tape drive motors is based upon data indicative of the first and second lengths.

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Citation (applicant)

- US 7150572 B2 20061219 - MCNESTRY MARTIN [GB], et al
- WO 2016067052 A1 20160506 - VIDEOJET TECHNOLOGIES INC [US]

Citation (search report)

- [XA] WO 2008107646 A1 20080912 - ZIPHER LTD [GB], et al
- [A] WO 2016067052 A1 20160506 - VIDEOJET TECHNOLOGIES INC [US]
- [A] WO 2013025746 A1 20130221 - VIDEOJET TECHNOLOGIES INC [US], et al

Citation (third parties)
Third party : **Anonymous**
WO 2008107646 A1 20080912 - ZIPHER LTD [GB], et al

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